#### CHEN ET AL 1/28 Pou 9 2000 0124451

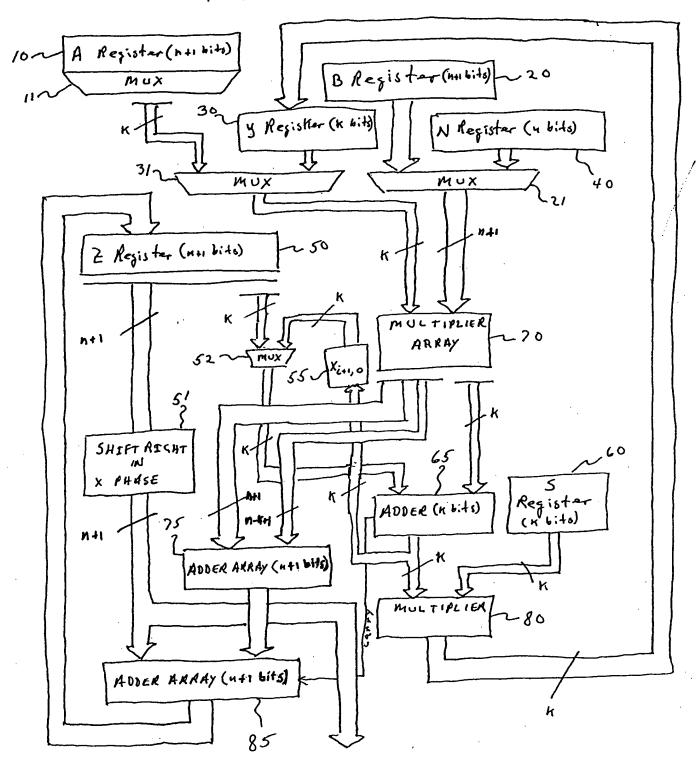


Figure 1

### POU 9 2000 012 Pasi

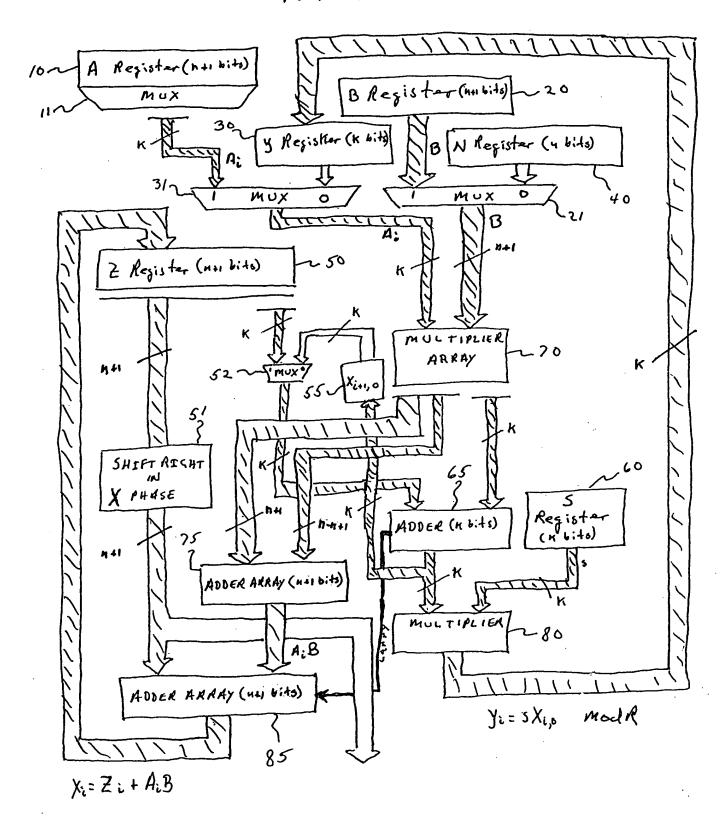


Figure 2

#### 3/28 Poug 2000 Ol 24USI

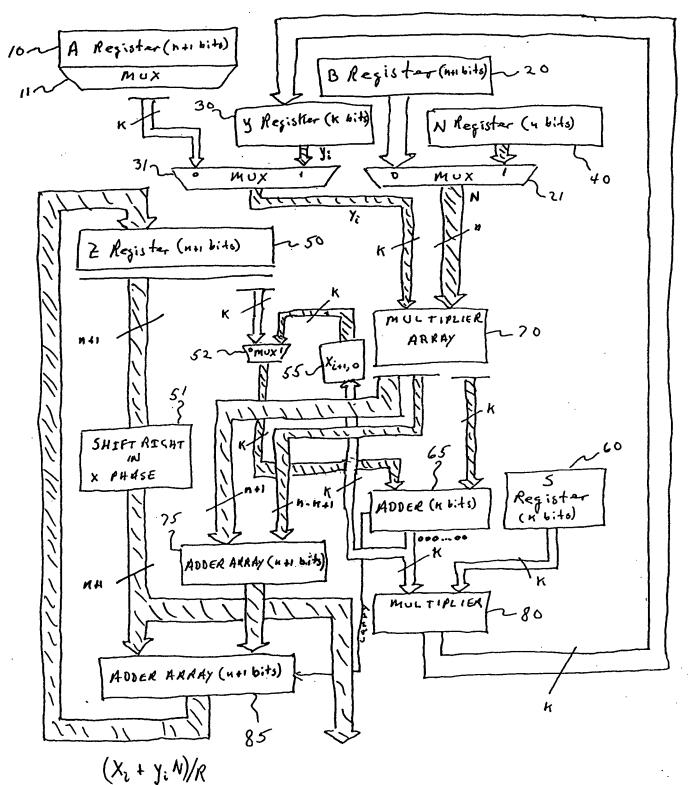


Figure 3

#### 4/28 Pou 92000 0124451

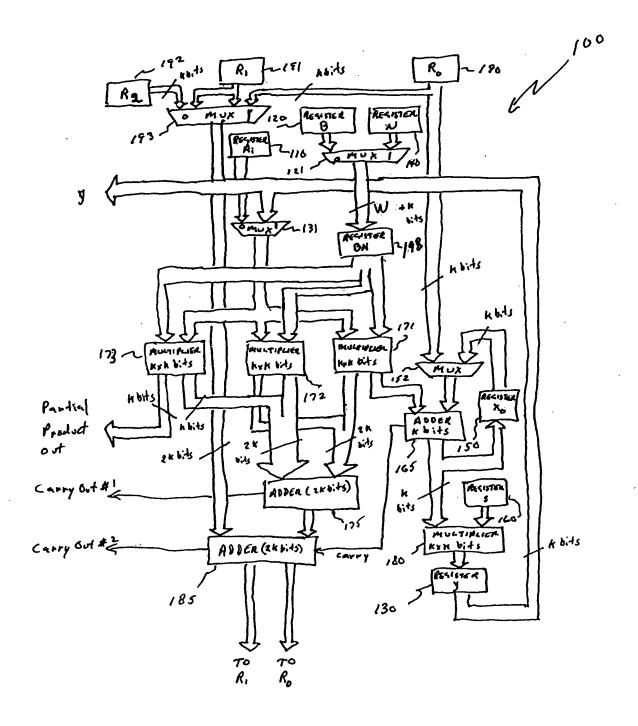


Figure 4

# 5/28 • Pou 9 2000 0124 USI

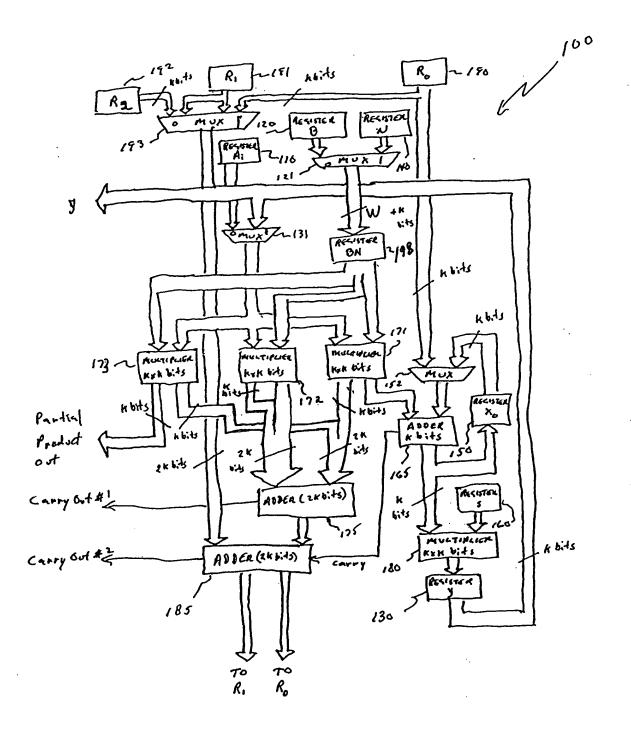


Figure 4A

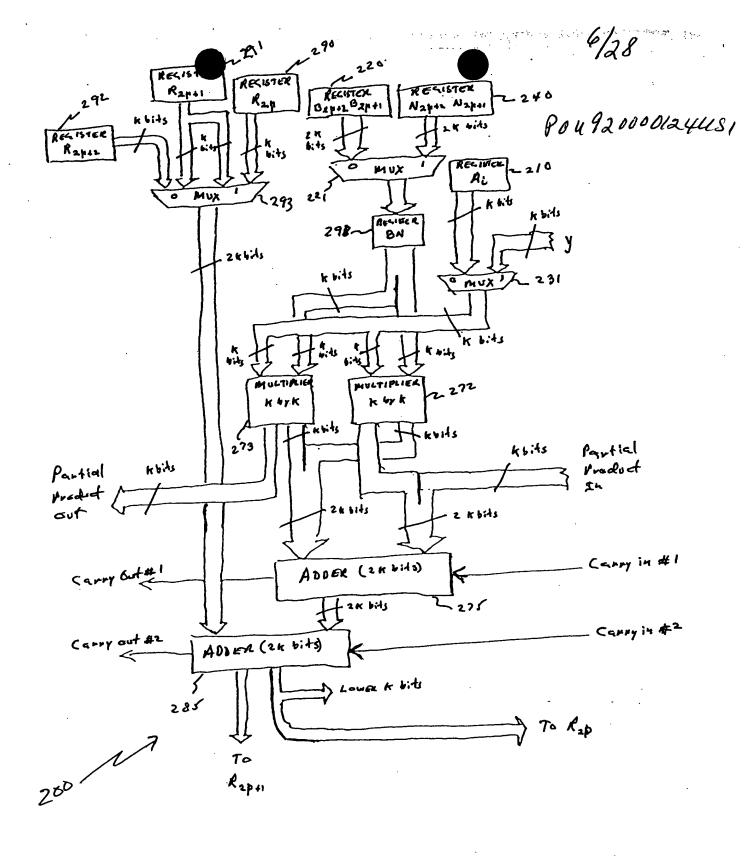


Figure 5

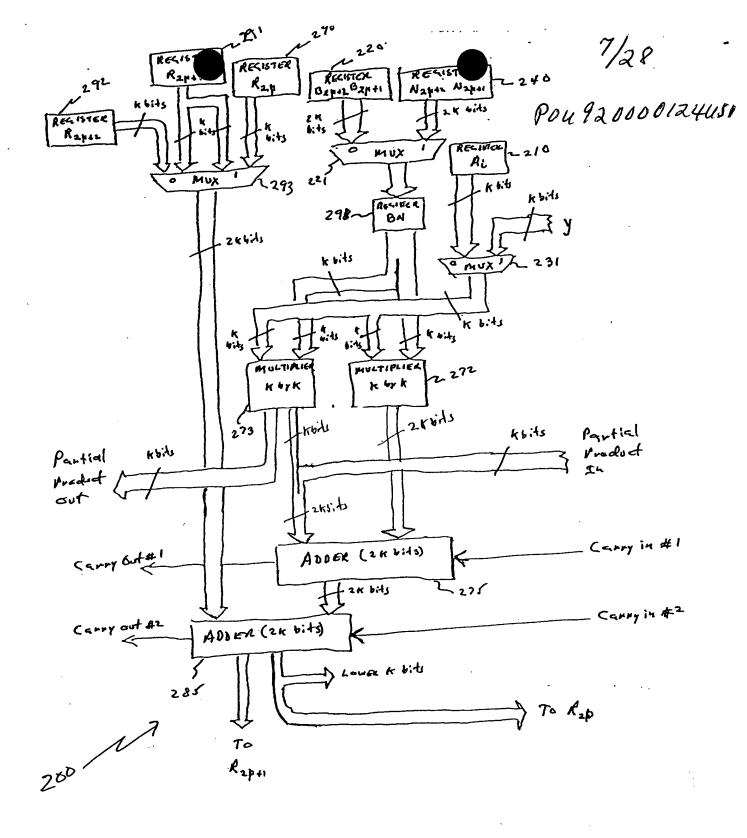


Figure 5 A

### 8/28 • Pou 92000 0124451

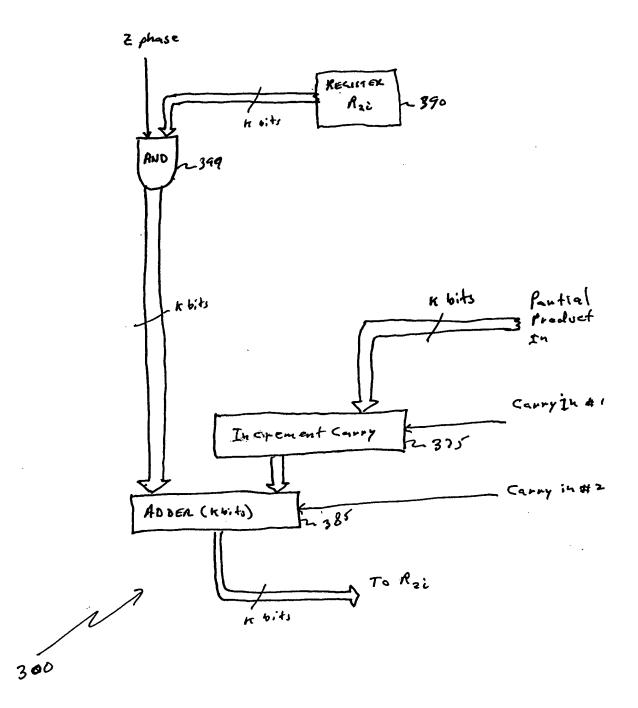
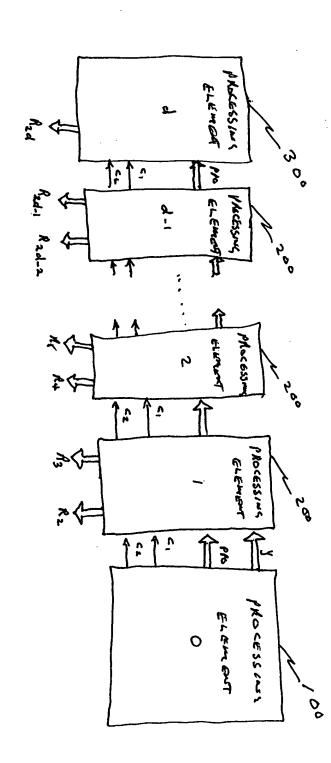


Figure 6

# 9/28 • Pau 9 2000 012 4USI



Figure?

#### 10/28 -Pau 92000 0124451

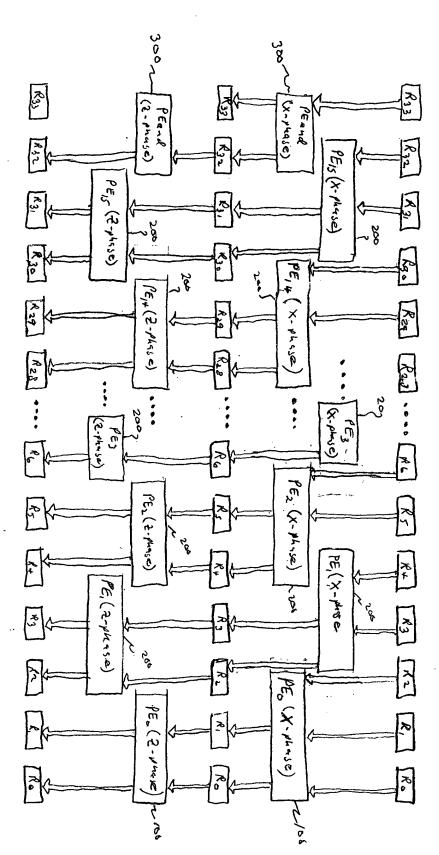


Figure 8

## 11/28 • Pou 92000 0124451

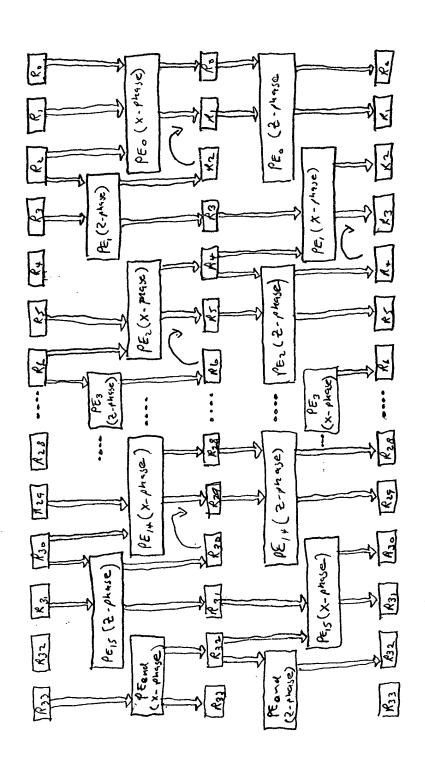


Figure 9

Pou 9 20000124USI . 290 Register Register Nept = Nept= 22/6 3292 ~298 BN 293 23/2 273]] 252 Pantial Partial product product v 275 Carry in #1 ADDER (24 bits Carry in #2 ADDER (2 Hoits) Lawa to bits to Lower Kbits From left PE To Rzp ADDER (Kbito) 235 To Raphi

Figure 10

### 13/28 Pou 9 2000 0124USI

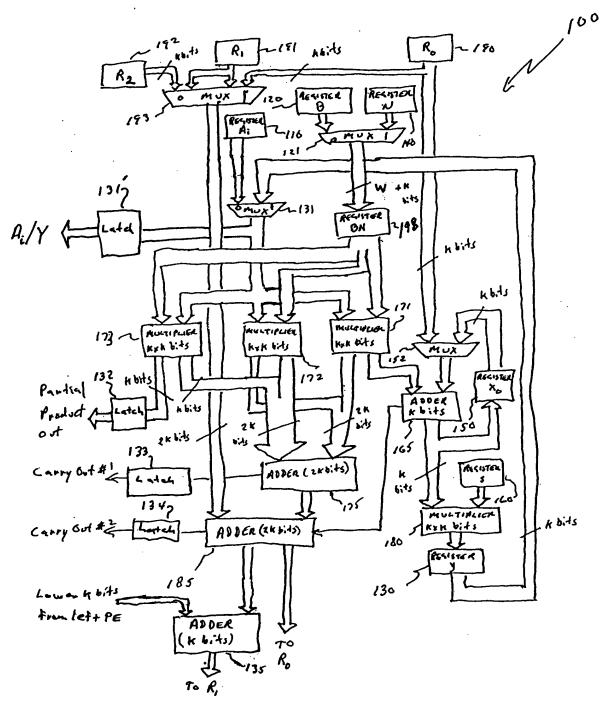
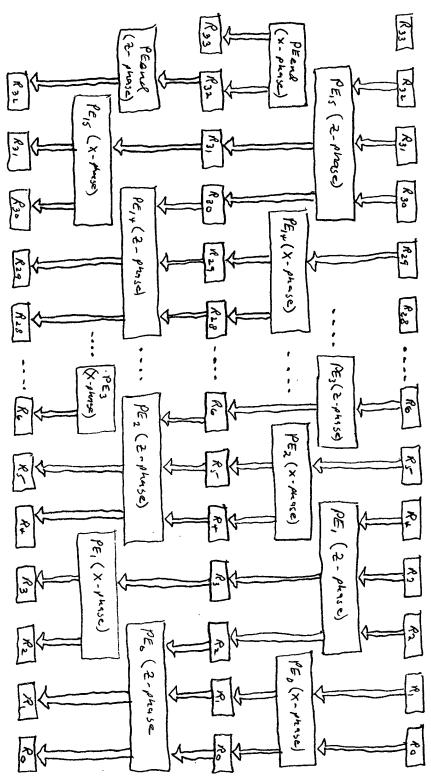


Figure 11

#### 14/28 Pou 9 2000 0124 USI



Tipure 12

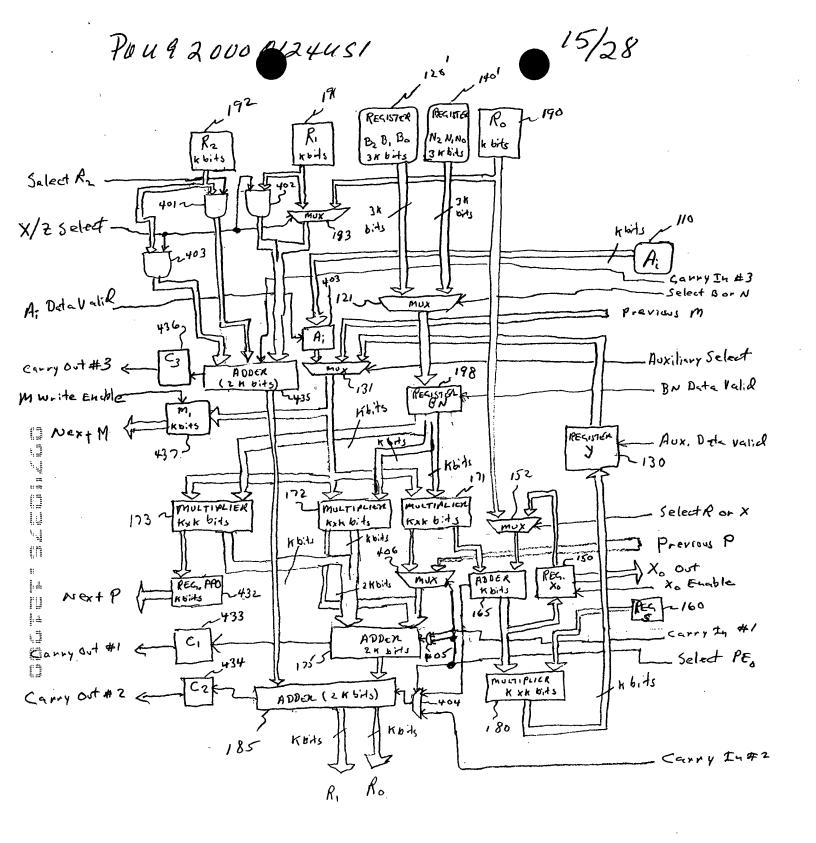


Figure 13

Figure 14

### 17/28 • Pou 9 2000 0124451

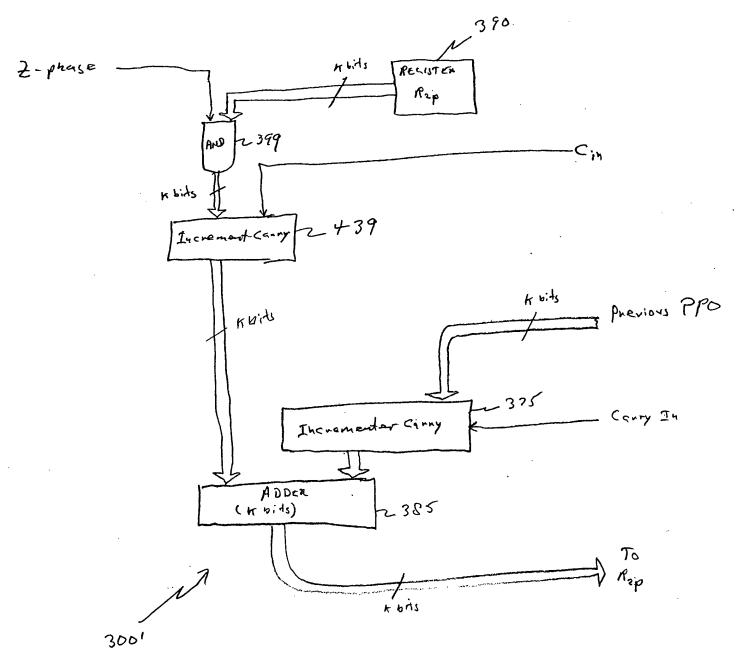


Figure 15

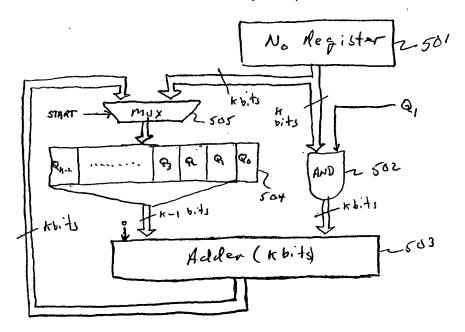
#### 18/28

#### P04920000124481

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<u> </u>	
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PER PER PEC PES PEH PEZ PEI PEZ 13	J
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AE) PEG PEG PEG PEG PEG	
PEC PES PEG PEG PEG PEO 23	•
PET PEG PES PEY PE3 PEZ PE, PED 34	
6 OPENANO WIDTH	

Figure 16

## Pou 9 2 000 0124us1



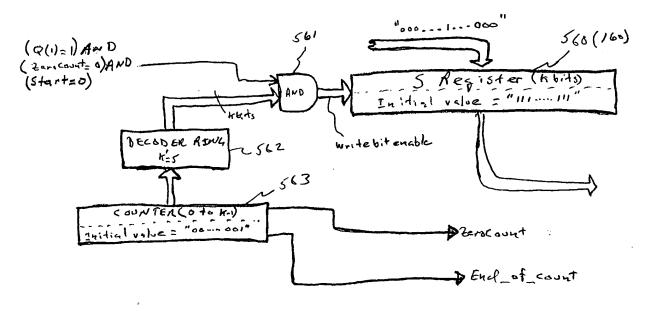
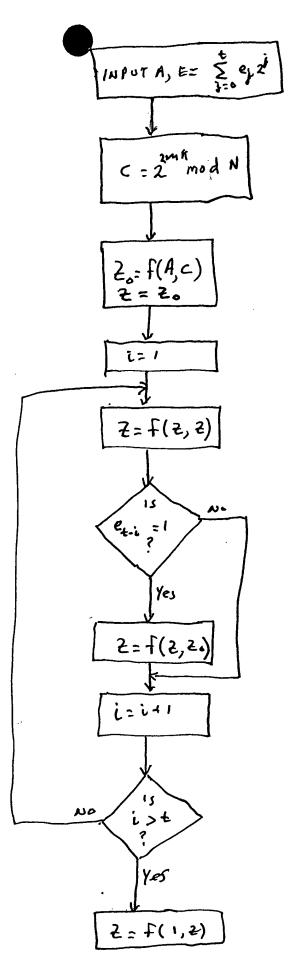


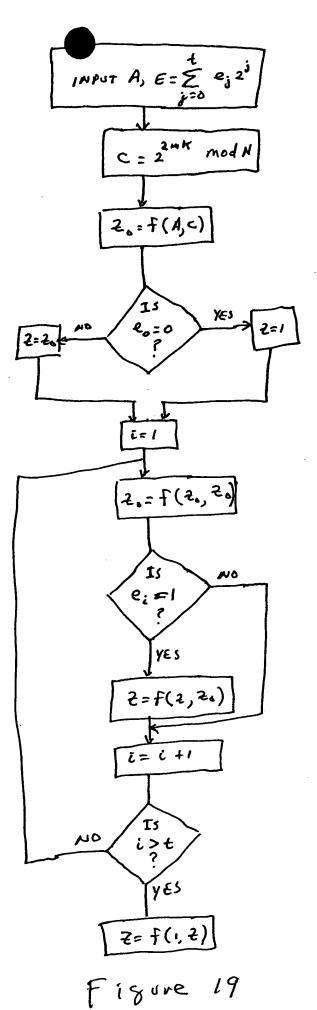
Figure 17



30/28

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Figure 18



Pou 92000 0124451

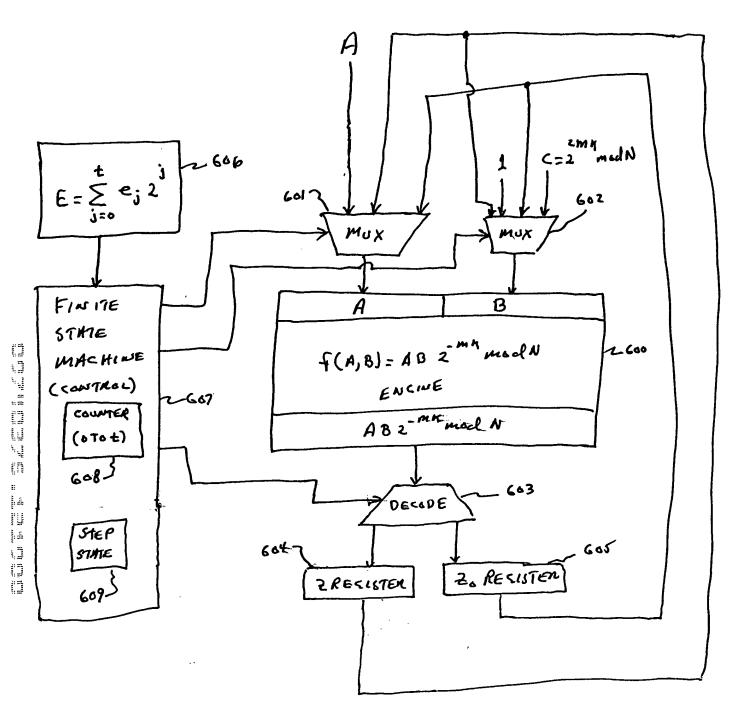


Figure 26

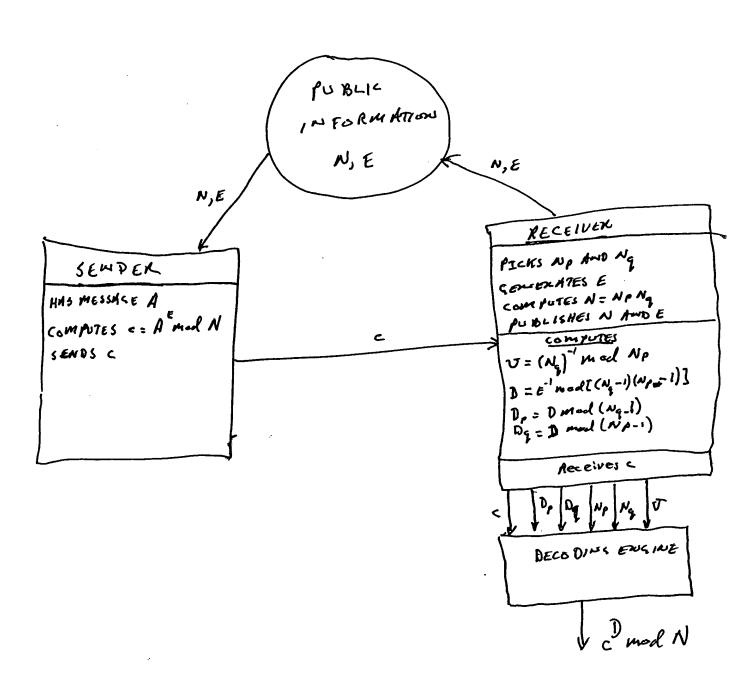


Figure 21

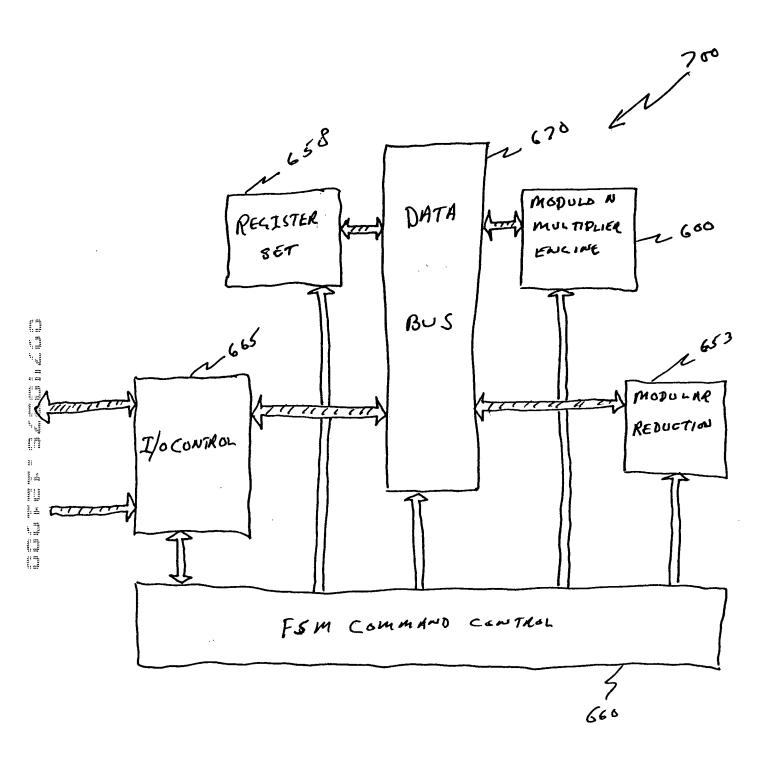
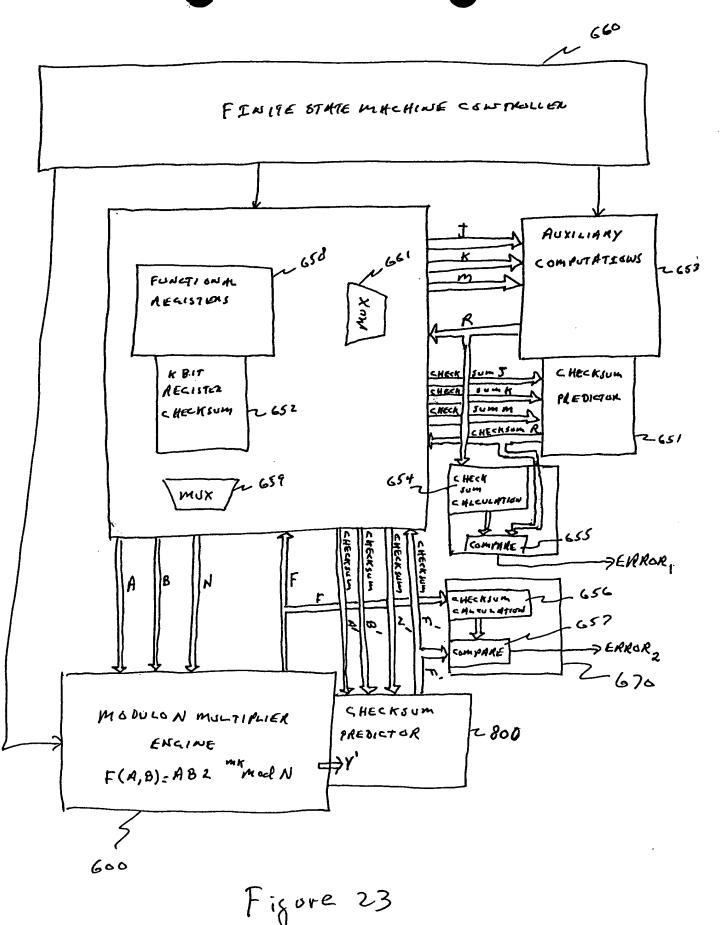


Figure 22



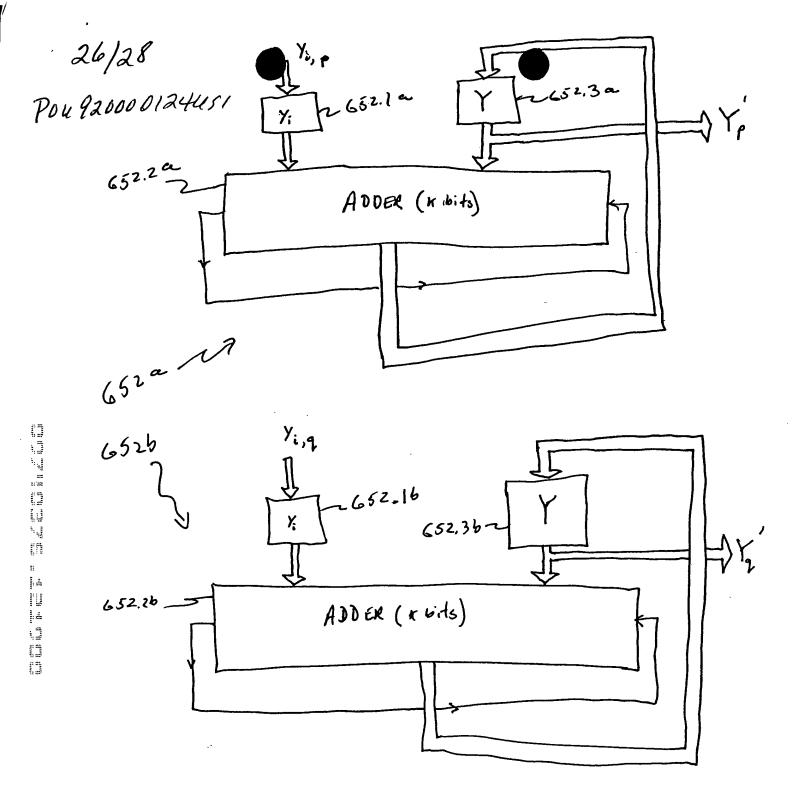


Figure 24

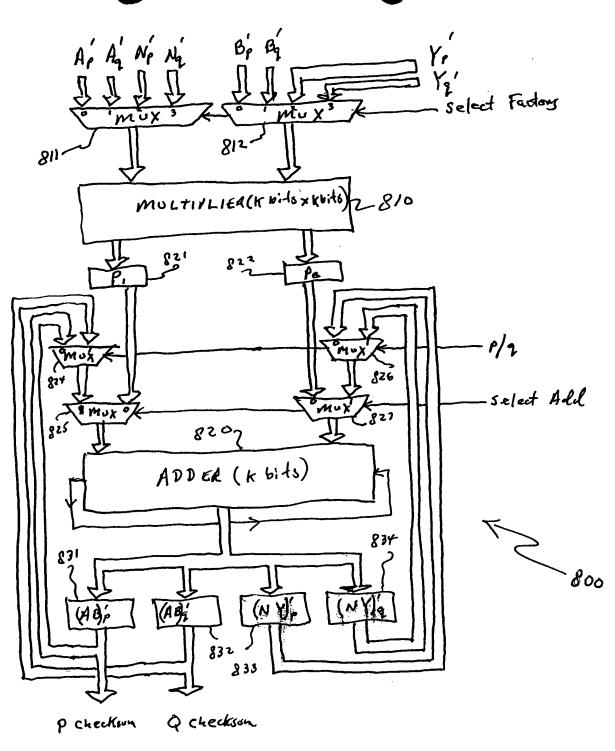


Figure 25

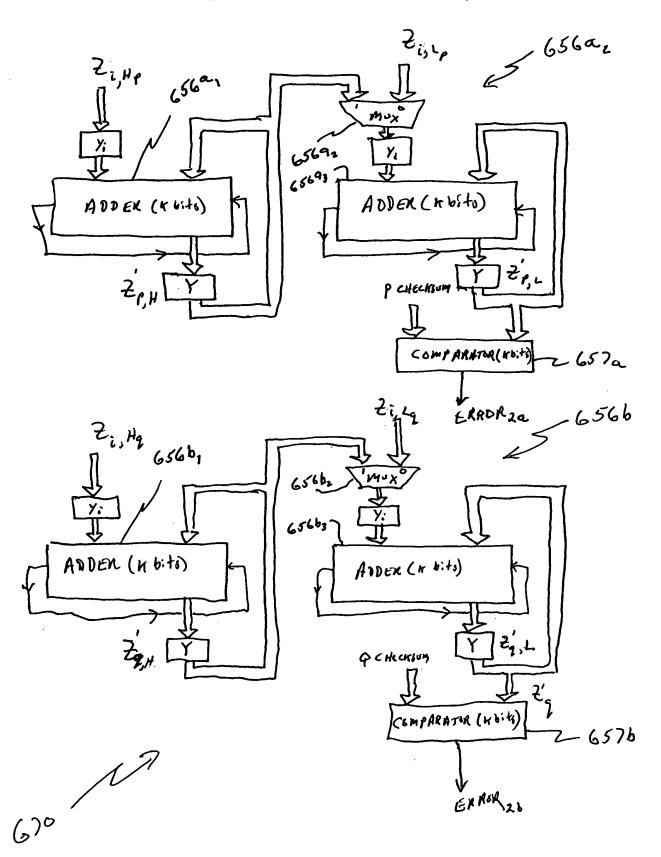


Figure 26